



#10

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/509,234
Source: 1655
Date Processed by STIC: 4/12/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

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- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:
<http://www.uspto.gov/web/offices/pac/checker>

#10

1655

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/509,234

DATE: 04/12/2001

TIME: 15:54:04

Input Set : A:\PTO.txt
Output Set: N:\CRF3\04122001\I509234.rawDoes Not Comply
Corrected Diskette Needed

3 <110> APPLICANT: Vannuffel, Pascal
4 Gala, Jean-Luc
6 <120> TITLE OF INVENTION: GENETIC SEQUENCES, DIAGNOSTIC AND/OR QUANTIFICATION METHODS AND DEVICES
7 FOR THE IDENTIFICATION OF STAPHYLOCOCCI STRAINS
9 <130> FILE REFERENCE: VANM145.001A
10 <140> CURRENT APPLICATION NUMBER: 09/509,234
11 <141> CURRENT FILING DATE: 2000-09-25
13 <160> NUMBER OF SEQ ID NOS: 64
14 <170> SOFTWARE: PatentIn version 3.0

OK

RECEIVED

APR 20 2001

TECH CENTER 1600/2900

ERRORED SEQUENCES

2419 <210> SEQ ID NO: 64
2420 <211> LENGTH: 18
2421 <212> TYPE: DNA
2422 <213> ORGANISM: femX9
2424 <400> SEQUENCE: 64
2425 aactcgaaaa tagaacta

18

E--> 2427 (20)
E--> 2430 1 delete at end of file

see following pages for more errors

2

RECEIVED

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/509,234

DATE: 04/17/2001
TIME: 11:30:17 APR 20 2001

Input Set : A:\Pto.amc
Output Set: N:\CRF3\04172001\I509234.raw

TECH CENTER 1600/2900

3 <110> APPLICANT: Vannuffel, Pascal
4 Gala, Jean-Luc
6 <120> TITLE OF INVENTION: GENETIC SEQUENCES, DIAGNOSTIC AND/OR QUANTIFICATION METHODS
AND DEVICES
7 FOR THE IDENTIFICATION OF STAPHYLOCOCCI STRAINS
9 <130> FILE REFERENCE: VANM145.001A
W-> 10 <140> CURRENT APPLICATION NUMBER: 09/509,234
OK-> 11 <141> CURRENT FILING DATE: 2000-09-25
13 <160> NUMBER OF SEQ ID NOS: 64
14 <170> SOFTWARE: PatentIn version 3.0
17 <210> SEQ ID NO: 1
18 <211> LENGTH: 1328
19 <212> TYPE: DNA
20 <213> ORGANISM: Staphylococcus femA Consensus Sequence
22 <220> FEATURE:
23 <221> NAME/KEY: misc_feature
24 <222> LOCATION: 1-1328
25 <223> OTHER INFORMATION: n= any nucleotide
27 <400> SEQUENCE: 1

W--> 28 nnnnnnnnnn nnnanaatga antttacnaa tttnacngcn anaganttnn gnnnnnttac 60
W--> 30 ngannnnnatg ncnnnanagn nc atttnacnca nannnnngnn nantangann tnaannttgc 120
W--> 32 nnannnnnnn gannncncann tagtnggnat naanaanaan nataangang tnattgcngc 180
W--> 34 ntgnntntn acngcngtnc cngtnatgaa antntttaan tanttttatt cnaannnggg 240
W--> 36 nccngtnatn gatttnana annnaganct ngtncantnn ttctttaang anttnnnnaa 300
W--> 38 ntatntnaaa nannnnntn nnntatannt nnnnnntngan ccntanntnn cntatcaata 360
W--> 40 nnnnaatcat ganggngann tnnnnngnnaa tgcnngnnan gattggntnt tngatnannt 420
W--> 42 nnnnnnnntn ggnttnanc annnnggntt nnnnaannggn tttgancnn tnnnncaaat 480
W--> 44 nngntnnccan tcngtnntn atttannnn naaaaannncn nanganntn tnaannnnat 540
W--> 46 ggatngnnntn ngnaanngna anacnaaaaa agtnnanaan aatggngtta aagtnnnntt 600
W--> 48 nntnnnnnaa gananntnc cnattnnng ntcattnatg gangatacnn cngannncnaa 660
W--> 50 ngnnttnnnn gatngngang annnnttna ntanaanngn tnnnnnnnatt nnaaaganngn 720
W--> 52 ngtntntngtn ccnntngcnt atatnnnatt tgatgantan nttnnnngaa tnnnnnnnga 780
W--> 54 nngnnnnnn ntnantaaag annnnaanaa agcnntnaan ganatngana aangncng 840
W--> 56 naanaaaaaan gcnnnaana annnnnnnnaa nntnnaanan caantnnnn cnaannanca 900
W--> 58 aaanntnnan gangnnnnn nnntnnaann nnancatgg aangaattac cnatntcngc 960
W--> 60 ngnntnctt ntnatnaatc ctnntgaagt ngtntantan gcnggtggna ctnctnaatnn 1020
W--> 62 nttnnnngncan ttngcngna gntatgcnn ncaatggnnn atgattaant atgcnnntna 1080
W--> 64 ncattnnnatt nanngntana atttntatgg nnttagnggt nantttanng angangcnga 1140
W--> 66 agatgnnggn gtntntaant tnaaaaangg nttnnatgcn ganntnnntg antangttgg 1200
W--> 68 nganttnntn aaaccnatna anaancnn ntannnnnnn tatannncan tnaaaaannt 1260
W--> 70 nnannnnnann nnnnnntann nannnnnnna nnnnnnnatga aatttacaga 1320
W--> 72 gtaannn 1328
75 <210> SEQ ID NO: 2
76 <211> LENGTH: 35
77 <212> TYPE: DNA
78 <213> ORGANISM: primer
80 <220> FEATURE:
81 <221> NAME/KEY: misc_feature

See p.3

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/509,234

DATE: 04/17/2001
TIME: 11:30:17

Input Set : A:\Pto.amc
Output Set: N:\CRF3\04172001\I509234.raw

82 <222> LOCATION: ① name other locations, too OR show as (1)..(35)
 83 <223> OTHER INFORMATION: n= any nucleotide
 85 <400> SEQUENCE: 2
 > 86 anaatgaant ttacnaattt naacgcnana gantt 35
 89 <210> SEQ ID NO: 3
 90 <211> LENGTH: 20
 91 <212> TYPE: DNA
 92 <213> ORGANISM: femS1
 94 <400> SEQUENCE: 3
 95 taatgaagtt tacaaaattt 20
 98 <210> SEQ ID NO: 4
 99 <211> LENGTH: 20
 100 <212> TYPE: DNA
 101 <213> ORGANISM: femS2
 103 <220> FEATURE:
 104 <221> NAME/KEY: misc_feature
 105 <222> LOCATION: 14
 106 <223> OTHER INFORMATION: n= any nucleotide
 108 <400> SEQUENCE: 4 20
 W-K 109 taatgaagtt tacnaaaattt
 112 <210> SEQ ID NO: 5
 113 <211> LENGTH: 25
 114 <212> TYPE: DNA
 115 <213> ORGANISM: primer
 117 <220> FEATURE:
 118 <221> NAME/KEY: misc_feature
 119 <222> LOCATION: ← give locations
 120 <223> OTHER INFORMATION: n= ? (define "n")
 122 <400> SEQUENCE: 5 25
 W--> 123 atgnnnana gncattnac nccana
 126 <210> SEQ ID NO: 6
 127 <211> LENGTH: 20
 128 <212> TYPE: DNA
 129 <213> ORGANISM: femU1
 131 <400> SEQUENCE: 6 20
 132 tgccatatacg tcatttacgc
 135 <210> SEQ ID NO: 7
 136 <211> LENGTH: 37
 137 <212> TYPE: DNA
 138 <213> ORGANISM: primer
 140 <220> FEATURE:
 141 <221> NAME/KEY: misc_feature
 142 <222> LOCATION: ← give locations
 143 <223> OTHER INFORMATION: n= any nucleotide
 145 <400> SEQUENCE: 7
 W--> 146 tagtnggnat naanaanaan nataangang tattgc 37
 149 <210> SEQ ID NO: 8
 150 <211> LENGTH: 35
 151 <212> TYPE: DNA

see pp 4-6, too

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/509,234

DATE: 04/17/2001
TIME: 11:30:17

Input Set : A:\Pto.amc
Output Set: N:\CRF3\04172001\I509234.raw

152 <213> ORGANISM: primer
 154 <220> FEATURE:
 155 <221> NAME/KEY: misc_feature
 156 <222> LOCATION: *<- give locations*
 157 <223> OTHER INFORMATION: n= any nucleotide
 159 <400> SEQUENCE: 8
 W--> 160 gtnccngtta tgaaanttt naantanttt tattc 35
 163 <210> SEQ ID NO: 9
 164 <211> LENGTH: 18
 165 <212> TYPE: DNA
 166 <213> ORGANISM: primer
 168 <220> FEATURE:
 169 <221> NAME/KEY: misc_feature
 170 <222> LOCATION: *<- give locations*
 171 <223> OTHER INFORMATION: n= any nucleotide
 173 <400> SEQUENCE: 9 18
 W--> 174 aatgcnggnn angattgg
 177 <210> SEQ ID NO: 10
 178 <211> LENGTH: 43
 179 <212> TYPE: DNA
 180 <213> ORGANISM: primer
 182 <220> FEATURE:
 183 <221> NAME/KEY: misc_feature
 184 <222> LOCATION: *<- give locations*
 185 <223> OTHER INFORMATION: n= any nucleotide
 187 <400> SEQUENCE: 10
 W--> 188 gnaanngnaa nacnaaaaaa gtnnanaana atggngtnaa agt 43
 191 <210> SEQ ID NO: 11
 192 <211> LENGTH: 18
 193 <212> TYPE: DNA
 194 <213> ORGANISM: fsq1S
 196 <400> SEQUENCE: 11
 197 aaaaagttca aaaaatgg 18
 200 <210> SEQ ID NO: 12
 201 <211> LENGTH: 18
 202 <212> TYPE: DNA
 203 <213> ORGANISM: fsq2S
 205 <400> SEQUENCE: 12
 206 aaaaagtaca aaaaatgg 18
 209 <210> SEQ ID NO: 13
 210 <211> LENGTH: 40
 211 <212> TYPE: DNA
 212 <213> ORGANISM: primer
 214 <220> FEATURE:
 215 <221> NAME/KEY: misc_feature
 216 <222> LOCATION: *<- give locations*
 217 <223> OTHER INFORMATION: n= any nucleotide
 219 <400> SEQUENCE: 13
 W--> 220 aagangannt nccnatntn ngntcattna tggangatac 40

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/509,234

DATE: 04/17/2001
TIME: 11:30:17

Input Set : A:\Pto.amc
Output Set: N:\CRF3\04172001\I509234.raw

223 <210> SEQ ID NO: 14
224 <211> LENGTH: 20
225 <212> TYPE: DNA
226 <213> ORGANISM: primer
228 <220> FEATURE:
229 <221> NAME/KEY: misc_feature
230 <222> LOCATION: *<give locations*
231 <223> OTHER INFORMATION: n= any nucleotide
233 <400> SEQUENCE: 14

W--> 234 tatatnnant ttgatganta 20
237 <210> SEQ ID NO: 15
238 <211> LENGTH: 32
239 <212> TYPE: DNA
240 <213> ORGANISM: primer
242 <220> FEATURE:
243 <221> NAME/KEY: misc_feature
244 <222> LOCATION: *<give locations*
245 <223> OTHER INFORMATION: n= any nucleotide
247 <400> SEQUENCE: 15

W--> 248 aanganatng anaaaangncc nganaanaaa aa 32
251 <210> SEQ ID NO: 16
252 <211> LENGTH: 18
253 <212> TYPE: DNA
254 <213> ORGANISM: fsq3S
256 <400> SEQUENCE: 16
257 aaagatattg aaaaacga 18
260 <210> SEQ ID NO: 17
261 <211> LENGTH: 20
262 <212> TYPE: DNA
263 <213> ORGANISM: fsq4S
265 <400> SEQUENCE: 17
266 aaagatattg aaaagagacc 20
269 <210> SEQ ID NO: 18
270 <211> LENGTH: 18
271 <212> TYPE: DNA
272 <213> ORGANISM: fsq5S
274 <400> SEQUENCE: 18
275 aaagatatcg agaaaagac 18
278 <210> SEQ ID NO: 19
279 <211> LENGTH: 18
280 <212> TYPE: DNA
281 <213> ORGANISM: fsq6S
283 <400> SEQUENCE: 19
284 aaagacatcg acaagcgt 18
287 <210> SEQ ID NO: 20
288 <211> LENGTH: 22
289 <212> TYPE: DNA
290 <213> ORGANISM: primer
292 <220> FEATURE:

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/509,234

DATE: 04/17/2001
TIME: 11:30:17

Input Set : A:\Pto.amc
Output Set: N:\CRF3\04172001\I509234.raw

293 <221> NAME/KEY: misc_feature
 294 <222> LOCATION: *<give locations*
 295 <223> OTHER INFORMATION: n= any nucleotide
 297 <400> SEQUENCE: 20
w--> 298 ancatggnaa ngaattacn at 22
 301 <210> SEQ ID NO: 21
 302 <211> LENGTH: 19
 303 <212> TYPE: DNA
 304 <213> ORGANISM: fem1
 306 <400> SEQUENCE: 21
 307 gaacatggta atgaattac 19
 310 <210> SEQ ID NO: 22
 311 <211> LENGTH: 32
 312 <212> TYPE: DNA
 313 <213> ORGANISM: primer
 315 <220> FEATURE:
 316 <221> NAME/KEY: misc_feature
 317 <222> LOCATION: *<give locations*
 318 <223> OTHER INFORMATION: n= any nucleotide
 320 <400> SEQUENCE: 22
w--> 321 aatccntntg aagtngtnta ntangcnggt gg 32
 324 <210> SEQ ID NO: 23
 325 <211> LENGTH: 35
 326 <212> TYPE: DNA
 327 <213> ORGANISM: primer
 329 <220> FEATURE:
 330 <221> NAME/KEY: misc_feature
 331 <222> LOCATION: *<give locations*
 332 <223> OTHER INFORMATION: n= any nucleotide
 334 <400> SEQUENCE: 23
w--> 335 agntatgcnn tncaatggnn natgattaan tatgc 35
 338 <210> SEQ ID NO: 24
 339 <211> LENGTH: 44
 340 <212> TYPE: DNA
 341 <213> ORGANISM: primer
 343 <220> FEATURE:
 344 <221> NAME/KEY: misc_feature
 345 <222> LOCATION: *<give locations*
 346 <223> OTHER INFORMATION: n= any nucleotide
 348 <400> SEQUENCE: 24
w--> 349 tttanngang angcngaaga tgnnggngtn nttaanttna aaaa 44
 352 <210> SEQ ID NO: 25
 353 <211> LENGTH: 20
 354 <212> TYPE: DNA
 355 <213> ORGANISM: fem3bio
 357 <400> SEQUENCE: 25
 358 ttactgaag atgctgaaga 20
 361 <210> SEQ ID NO: 26
 362 <211> LENGTH: 20

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/509,234

DATE: 04/17/2001
TIME: 11:30:18

Input Set : A:\Pto.amc
Output Set: N:\CRF3\04172001\I509234.raw

L:10 M:283 W: Missing Blank Line separator, <140> field identifier
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:28 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:30 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:32 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:34 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:36 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:38 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:40 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:42 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:44 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:46 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:48 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:50 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:52 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:54 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:56 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:58 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:60 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:62 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:64 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:66 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:68 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:70 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:72 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:86 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:109 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:123 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:146 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:160 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:174 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:188 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:220 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:234 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:248 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:298 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:321 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:335 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:349 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:372 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26